

Scanning the Top of Utah - Reband Update

By Val Campbell K7HCP

A few years ago I published an article by this name here in the OARC club newsletter and made many charts and scanning aids available for download from the OARC club website "downloads" page. Well, a lot of interesting things have happened since that time and some quite recently so I thought it would be a good time to publish an update to bring the local scanner hobbyist up to date. But first an introduction for the new comers to the hobby of scanning.

The hobby of Amateur (Ham) Radio can have many side interests and activities besides the main stream activity of "Hamming". Short Wave Listening (SWL) and Scanning are two of the most interesting. "What's the difference between these two activities?" you may ask. It's mainly what you listen to and what you listen with.

SWL'ing involves listening to the High Frequency (HF) short wave bands various broadcasts and transmissions from across the world with a short wave radio receiver. This is usually a manual process as you tune the dial on the receiver listening so very carefully. You might hear a Ham in QSO with another Ham across the country or across the world. You might also pick up a signal such as the SOS from the Titanic as it was sinking in the North Atlantic one cold winter night many years ago. Well, maybe not in this century but one of your antecessors my have. Who knows, that may be why you have the "Radio" gene in your genealogy.

Scanning involves listening in on the Very High Frequencies (VHF) and Ultra High Frequencies (UHF) bands using a radio scanner. The signals you receive here are local (line of sight) transmissions. A scanner searches (scans) continuously, listening for transmissions from a variety of sources that you have pre-programmed into your scanner. Interesting sources may include Hams, Airports, Railroads and Public Service providers such as the county sheriff department, local police departments and municipal services and other first responders such as fire departments and search and rescue teams. There is nothing more interesting than following (listening in on) the SWAT team as it raids a crack house or listening to fireman as they find their way through a smoke filled house looking to save potential victims from the effects of the fire. One evening years ago, while listening to the local police dispatcher channels, I heard my own name as it came blasting out of the speaker of my scanner. Can you imagine my surprise when I heard this unexpectedly? It seems that the police had just found a stolen motorcycle

of mine and requested a VIN trace resulting in my name as the owner from the DMV database?

I mentioned earlier that scanning in the Top of Utah has changed recently. The Northern Utah Public Service (PS) frequencies that have been in use for many years now have all gone silent, seemingly over night. Where there used to be a respectable amount of activity to keep us all entertained for hours on end have come to an abrupt end.

What has happened is that the PS bands frequency allocations nation wide have changed. They call this "ReBanding". Over time all PS users will be moving to a lower segment of the 800 MHz Trunked PS band. And wouldn't you know it? In our state the "Utah Communications Agency Network" (UCAN) is leading the nation in the conversion. In this area it all started about mid-to late summer 2008. The Mt Ogden repeater was rebanded sometime between September and October 2008 and all the other trunked PS repeaters from Utah Co north to the Idaho border followed soon behind. The last of Top of Utah UCAN repeater to reband was Weber Co/Ogden which took place earlier this week about dinner time (December 9, 2008). Yes, I was listening at the time and followed the UCAN tech's conversations as they did the deed. Then...silence, all channels dead. Since I had been expecting this to happen eventually I was ready. So I tuned to the new rebanded frequencies and there they were.

The bad news is that many popular and some fairly new trunking scanners on the market will not be able to follow the new rebanded trunked transmissions in "Trunking" mode after the conversion. Scanners previously capable of monitoring Trunked 800MHz PS bands will be reduced to doing conventional memory scan methods of scanning as we used to do years before. A few of the newest models of scanners will survive. Those that are designed with "Flash" update capability, or those that were marketed since the rebanding requirement was announced. Others will have to be replaced with newer models to continue to Trunk scan our PS frequencies successfully.

In the Top of Utah, the UCAN repeaters output frequency/channels all changed by moving exactly 15 MHz lower. For example, the Weber/Ogden Control Channel was 868.9875 MHz and is now 853.9875 MHz. All related trunked voice channels moved downward by 15 MHz also. Repeater inputs frequencies remain unchanged. Also outlined in the rebanding effort mandate 12.5 KHz bandwidth channels. Some parts of the country were still using 25 KHz bandwidths and this change would ensure more available channels to the PS spectrum users. Fortunately UCAN was already using 12.5 KHz channel spacing so there was no need for change here.

The explanation for why many of our Trunking scanners will no longer be able to successfully trunk the rebanded channels is a simple but a devastating one. Burned into the scanners silicon chips are firmware micro-code and tables that map the voice channels presence in the trunked radio system. The scanner decodes the digital data command channels data and then switches the scanner to the appropriate voice channel frequency assigned to each transmission for this specific talk group. The problem is that after rebanding the hard coded channel tables became obsolete and may not direct the scanner to switch to the correct voice channel. Success or failure depends on the specific scanner manufacture and model and on which voice channel frequencies the FCC assigned to each of the trunked radio service repeaters.

It appears that failure of the scanner to successfully switch to the correct voice channel depends on what frequency the voice channel was assigned. If the 4th KHz position in the frequency (MMM.KKKx) is a "5" then every thing is cool. If a zero ("0") is in that position, then it fails and all you hear is static as the scanner tried to receive an out of band of signal. For example, two of the voice channels assigned to Weber/Ogden repeaters are 852.6125 and 852.9250. When the system uses the .6125 channel all is ok but when the .9250 channel is used for transmission the scanner fails.

My Radio Shack PRO-95 and PRO-97 triple trunking scanners will no longer successfully trunk scan any of the Top of Utah UCAN PS systems. The Pro-96 has a firmware "flash" update available from Radio Shack to help it survive. The NEW Radio Shack PRO-164 will need a flash update to make it work depending on the firmware level present which could depends on the date of manufacture. I have confirmed that Pro-2052 will not follow the rebanding but the PRO-528 does works as is. Radio Shack scanners are not the only brands effected. Uniden/BeadCat scanners are likewise effected. Don't let this detour your scanning pleasure. You can still scan the PS frequencies the old way by programming in to memory banks the entire list of voice channels for each repeater site and then do a memory scan.

I hope the entire proceeding dialog provides helpful background to those who might be interested in scanning the Top of Utah and maybe some insight as to why their scanners went silent earlier this week.

Use the internet and GOOGLE "800 Mhz ReBand" or "PRO-#### Reband". There is a world of information out there for you to read about this subject.

I have included several charts and tables below that represent my personal scanning activity in the past. I have personally confirmed and logged each

and every frequency listed and all of the tables provided. Of course things change over time and some frequencies may not still be in service, especially the 150 MHz public service frequencies. Most of the Ham band frequencies are current and ALL of the UCAN & TRUNKED Public Service channels and Talk Group ID's have been update to current as on December 2008.

This information and the following tables will be placed on the www.OgdenARC.org web site "downloads" page for you to use as you would like.

I hope you enjoy scanning the Top of Utah as much as I do. Fell free to contact me if you think I can answer any question or help you in any way.

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Trunk Scanning - Channels & Talk Groups (post rebanding)

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Conventional Scanning - Frequencies

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- UTA, SCHOOL BUS, NOAA WX
- OGDEN & HAFB AIRPORT
- SALT LAKE CITY AIRPORT
- CORDLESS TELEPHONES
- UHP & EMS (150 Mhz band)

Scanning Aids

- Agency Call Signs/Numbers
- 10-Codes & Code Numbers
- Phonetic Alphabet

UCAN NORTH - Trunking Control Channels

UCAN NORTH Control Channels		
Weber Co	853.9875	MO
Mount Ogden	851.8000	MO
Promontory Pt	853.7000	MO
Davis Co	852.8375	MO
Layton	853.7750	MO
Francis Peak	853.8250	MO
Morgan Pk	851.7125	MO
Brigham City	852.1375	MO
Nelson Pk	853.5500	MO
SL Co	853.1125	MO
Utah Co	852.6625	MO
UCAN END		

UCAN NORTH - Trunking Voice Channels

Repeater/Location	Call Sign	Frequency	Channel
Weber Co (Ogden City, So Ogden, No Ogden)	WPRH429	851.9500	future use
		852.2750	voice channel
		852.3000	voice channel
		852.5875	voice channel
		852.6125	voice channel
		852.9000	voice channel
		852.9250	voice channel
		853.2375	voice channel
		853.2875	voice channel
		853.9625	future use
853.9875	control channel		
Mt Ogden (Weber Co, Davis Co) (Summit Co, SL Co)	WPRH438	851.1500	voice channel
		851.1875	future use
		851.4375	voice channel
		851.5500	future use
		851.7625	voice channel
		851.8000	control channel
		852.0750	voice channel
		852.3625	voice channel
		853.6250	future use
		853.6500	voice channel
853.8750	future use		

		853.9000	future use
Promontory (Promontory Pt)	WPQJ452	851.2500	voice channel
		851.5750	future use
		851.7375	voice channel
		852.8750	future use
		853.3500	voice channel
		853.7000	control channel
Davis Co (Layton, Clearfield, Layton) (Farmington, Bountiful)	WPRI285	851.9250	
		852.2000	
		852.2250	
		852.4500	
		852.4750	
		852.8125	
		852.8375	control channel
		853.1500	
		853.1750	
		853.6000	
		853.8500	
Layton City (Davis Co Landfill)	WPRF822	851.2875	
		851.3125	
		851.4625	
		853.0500	
		853.7750	control channel
		853.8000	
		853.9250	
Kaysville City (Francis Peak)	WPRH430	851.2250	
		851.4875	
		851.8250	
		852.5625	
		853.3125	
		853.6750	
		853.8250	control channel
Morgan Co (Morgan Pk)	WPRF496	851.0875	
		851.3875	
		851.7125	control channel
		852.1000	
		852.6750	
		852.9750	
		853.5250	
Brigham City	WPRH434		

(Resevior Hill)

851.0625
851.3375
851.6125
851.8625
852.1375

control channel

Nelson Pk
(Magna)

WPQJ462

851.0375
851.0500
851.1000
851.1250
851.3750
851.4000
851.6500
851.7000
851.9000
852.1125
852.7500
852.9875
853.5500
853.5750
853.7500

control channel

Salt Lake Co
(SLC, Sandy, Draper, Magna)

WPRR826

851.8750
852.1500
852.1750
852.4000
852.4250
852.6875
852.7250
853.0875
853.1125
853.4125
853.5125

control channel

Utah Co
(Provo, Lehi, Spanish Fork)

WPRS306

851.7250
851.9750
852.0875
852.3250
852.3750
852.6375
852.6625
852.9625
853.0625
853.3375
853.3625

control channel

UCAN Talk Group ID's (trunking mode only)

UCAN Engr	4096	DC Disp 2	9440	BE Co Sheriff	15680
Uhp WC c2c	4384	DC Sheriff 1	9568	Brigham City PD	15872
Uhp DC c2c	4416	Davis Fire	9600	Cache Co Sheriff	16000
Uhp SL c2c	4448	DC Pub Safe		Logan City PD	16128
Uhp UC c2c	4512	Comm	9728	McKayDee Hos	16448
Uhp Spcl Op1	4608	DC SO Spec Ops	9824	Ogd Reg Hosp	16480
Uhp Spcl Op2	4640	DC SAR	9856	Dav Co Hosp	16512
Uhp Protect Svc	4672	DC Sheriff 2	9952	LDS Hosp	16576
Uhp Inspections	4736	Layton Fire1	10368	U of U Hosp	16608
Uhp Inspect c2c	4768	Layton Fire2	10400	Air Med 1	17184
Uhp Motor c2c	4832	Layton PD 1	10464	Air Med 2	17216
WC Fire Ch 1	5600	Layton PD Tac	10496	Air Med Disp	17248
WC Fire Op 1	5632	Layton PD 2	10528	Life Flt Ops	17280
WC Fire Op 2	5664	SWeber Fire1	11072	Air Comm 1	17312
WC Fire Comm	5696	SWeber Fire2	11104	DNR Fire	17344
Wsu Aux	5984	Sunset PD c2c	11136	Dept Pub Safety	17536
Weber North	6016	Syracuse PD1 c2c	11232	DC Co Wide	17600
Weber South	6048	Syrasuse PD2 c2c	11264	WC Co Wide	17728
WC Sheriff	6080	DC Ch 6 c2c	11776	DNR Park	17792
WC PS Comm	6112	DC Sheriff 2	11904	DNR ST Fire So	17984
WSU Police	6144	WC Swat Frc	11936	DNR ST Fire No	18016
OGD Dispatch	6400	Uhp Special Ops	11968	Antelope Prk	18080
OGD PD Ch 5	6432	DC Sheriff	12000	Utah Emer Mgnt	18112
WC OPS Ch 1	7680	WC Strike Fo	12032	Utah Maint	18176
WC OPS Ch 2	7712	WC North c2c	12064	Events 1 WC	18432
WC OPS Ch 3	7744	WC South c2c	12096	Events 2 DC	18464
WC OPS Ch 4	7776	WC c2c Ch 5	12288	Events 3 SLC	18496
WC OPS Ch 5	7808	OPD Training	12320	Uhp SL Co	19712
WC OPS Ch 6	7840	WC Fire	12544	Uhp UC	19744
WC OPS Ch 7	7872	Weber SAR	13120	Uhp SLC Service	19776
WC OPS Ch 8	7904	Roy PD	13152	UDOT Clinton	19840
WC OPS Ch 9	7936	Riverdale c2c	13344	UDOT WC	19872
WC OPS Ch 10	7968	Riverdale 2	13408	Gold Cross 1	22368
WC Jail	8224	South Ogden c2c	13920	UTA Police	23008
ClearFld PD	8992	North Ogden	14304	Gold Cross 2	25056
Clearfield Spec	9152	WC Jail 1	15040	LifeFlight Adm	27584
Clinton PD c2c	9216	WC Jail 2	15072	LifeFlight Provo	27616
DC Emer Mgnt	9280	WC Jail 3	15104	UCAN Digital	64000
DC PD c2c	9376	WC Jail 4	15296		
DC Disp 1	9408	Morgan Co c2c	15520		

HAM BANDS (vhf & uhf)

HAM BANDS		
NCF 6m	52.525000	FM
NCF 1.25m	223.500000	FM
NCF 33cm	925.000000	FM
NCF 23cm	1294.500000	FM
Simplex	145.550000	FM
Simplex	145.570000	FM
Simplex	145.590000	FM
Simplex	145.650000	FM
PRIORTY 2	145.670000	FM
Simplex	145.770000	FM
Simplex	146.440000	FM
Simplex	146.460000	FM
Simplex	146.480000	FM
Simplex	146.500000	FM
NCF 2m	146.520000	FM
Simplex	146.540000	FM
Simplex	146.560000	FM
Simplex	146.580000	FM
Simplex	147.400000	FM
Simplex	147.420000	FM
Simplex	147.440000	FM
Simplex	147.480000	FM
Simplex	147.500000	FM
Simplex	147.520000	FM
Simplex	147.540000	FM
Simplex	147.560000	FM
Simplex	147.580000	FM
Hunstville	145.210000	FM
Thiokol	145.290000	FM
LakeTown	145.310000	FM
Thiokol	145.430000	FM
Butterfld Pk	145.450000	FM
Powder Mtn	145.470000	FM
PromentoryPt	145.490000	FM
FarnsworthPk	146.620000	FM
Usu	146.640000	FM
Herd Mtn	146.680000	FM
Ensign Peak	146.700000	FM
Mt Logan	146.720000	FM
Univ of Ut	146.740000	FM
Lake Mtn	146.760000	FM
Mt Ogden	146.820000	FM
SLC/Jordan	146.840000	FM
Rushton	146.880000	FM
Little Mtn	146.900000	FM
PromentoryPt	146.920000	FM
FarnsworthPk	146.940000	FM
Tooele	146.980000	FM

Bear Lake	147.020000	FM
Antelope Isl	147.040000	FM
StCapt/Morgn	147.060000	FM
Point of Mtn	147.080000	FM
FarnsworthPk	147.120000	FM
Butterfld Pk	147.140000	FM
Ensign Peak	147.160000	FM
Snowbird	147.180000	FM
Wendover	147.200000	FM
PromentoryPt	147.260000	FM
Lake Mtn	147.280000	FM
Tooele	147.300000	FM
Lake Mtn	147.340000	FM
Lewis Pk	147.360000	FM
Irlp Rx	433.600000	FM
PRIORTY 70	433.668750	FM
NCF 70cm	446.000000	FM
Simplex	446.500000	FM
Simplex	447.800000	FM
Simplex	447.825000	FM
Simplex	447.850000	FM
Clearfield	447.150000	FM
Antelope Isl	447.200000	FM
Clearfield	447.350000	FM
Eden	447.600000	FM
Powder Mtn	447.775000	FM
Huntsville	448.025000	FM
Thiokol	448.300000	FM
Midvale	448.550000	FM
Little Mtn	448.575000	FM
Ogden	448.600000	FM
Point of Mtn	448.700000	FM
Clearfield	448.825000	FM
FarnsworthPk	449.100000	FM
Layton	449.250000	FM
Logan	449.325000	FM
Bountiful	449.350000	FM
Irlp Nelson	449.425000	FM
Irpl Lewis	449.550000	FM
Kaysville Pk	449.600000	FM
Mt Logan	449.625000	FM
PromentoryPt	449.775000	FM
Wellsville	449.800000	FM
Layton	449.875000	FM
Ensign Peak	449.900000	FM
North SL	449.925000	FM
Clearfield	449.950000	FM
END HAM		

RAIL ROAD - OGDEN

RAILROAD		
EOT - Uhf	457.937500	FM
ONE SIXTY		
Rail Road	160.200000	FM
Rail Road	160.215000	FM
Rail Road	160.230000	FM
RR Layton	160.290000	FM
Rail Road	160.350000	FM
Rail Road	160.380000	FM
Rail Road	160.410000	FM
RR Dispatch	160.455000	FM
Rail Road	160.470000	FM
Rail Road	160.485000	FM
Rail Road	160.560000	FM
RR Tele	160.605000	FM
Rail Road	160.710000	FM
Rail Road	160.740000	FM
Rail Road	160.800000	FM
Rail Road	160.950000	FM
RR Dispatch	160.965000	FM
ONE SIXTY ONE		
Rail Road	161.115000	FM
Rail Road	161.145000	FM
Rail Road	161.190000	FM
Rail Road	161.220000	FM
Rail Road	161.310000	FM
Rail Road	161.355000	FM
Rail Road	161.445000	FM
Rail Road	161.490000	FM
RR Dispatch	161.550000	FM
Rail Road	161.825000	FM
END RAILROAD		

UTA, SCHOOL BUS, NOAA WX

UTA/TRAX		
Flex Slc 1	453.625000	FM
Flex Slc 2	453.700000	FM
Bus Slc 1	453.750000	FM
Bus Slc 2	453.825000	FM
Bus Ogden	453.925000	FM
Trax 1	939.950000	FM
Trax 2	939.962500	FM
END UTA/TRAX		
SCHOOL BUS		
WC Scl Bus1	453.225000	FM
WC Scl Bus2a	453.300000	FM
WC Scl Bus3	453.425000	FM
BE District	453.650000	FM
Granger City	453.675000	FM
WC Scl Bus2b	458.300000	FM
END SCHOOL		
NOAA Weather		
NOAA 1 - local	162.550	FM
NOAA 2 - local	162.400	FM
NOAA 3	162.475	FM
NOAA 4	162.425	FM
NOAA 5	162.450	FM
NOAA 6	162.500	FM
NOAA 7	162.525	FM
NOAA 8	161.650	FM
NOAA 9	161.775	FM
NOAA END		

OGDEN & HAFB AIRPORT

OGD/HAFB		
AIR INFO		
BC NDB	.25000000	AM
Tooele NDB	.25000000	AM
HAFB ILS	109.900000	AM
Ogden ILS	111.700000	AM
Ogden VOR	115.700000	AM
SLC ILS	118.125000	AM
SLC ATIS	124.750000	AM
Ogden ATIS	125.550000	AM
SLC ATIS	127.625000	AM
HAFB ATIS	134.925000	AM
BC Info	135.075000	AM
OGD/HILL		
Nat Guard	118.450000	AM
Ogden Tower	118.700000	AM
AP #2 A/D	120.200000	AM
Emergency	121.500000	AM
Hill Gnd Ctl	121.600000	AM
Ogden GndCtl	121.700000	AM
Ballons	122.250000	AM
AP #2 Unicom	122.700000	AM
Air2Air Priv	122.725000	AM
Air2Air Nat	122.750000	AM
Muni Unicom	122.800000	AM
Mulitcom	122.850000	AM
SearchRescue	122.900000	AM
Forest Svc	122.925000	AM

Unicom	122.950000	AM
Ogd Unicom	123.000000	AM
Helicop A2A	123.025000	AM
Helicop UofU	123.050000	AM
CAP	123.100000	AM
Sail Planes	123.300000	AM
Plane2Plane	123.450000	AM
Sail Planes	123.500000	AM
FAA Advisory	123.600000	AM
Hill Clrance	124.100000	AM
AP #2 Helio	126.200000	AM
AP #2 C/D	127.000000	AM
Hill Tower	127.150000	AM
Forest Svc	127.425000	AM
Hill PTD	139.300000	FM
FEMA	142.425000	FM
FEMA	142.975000	FM
CAP	148.150000	FM
CAP	149.925000	FM
Medical Act	155.340000	FM
SearchRescue	156.300000	FM
Air Force 1	162.687500	FM
Emergency	243.000000	AM
Emergency	282.500000	AM
Emergency	406.025000	AM
OlympicTorch	464.575000	FM
RF ID Tags	900.000000	FM
END OGD/HAFB		

SALT LAKE CITY AIRPORT

SL AIRPORT		
SL Ctr ???	118.000000	AM
SL Ctr ???	118.050000	AM
SL Twr 35/17	118.300000	AM
SL Twr 34/16	119.050000	AM
SL Clr/Del	119.200000	AM
Artcc FranPk	119.950000	AM
App/Dep S<8k	120.900000	AM
App/Dep N<8k	121.100000	AM
SL Ctr	121.150000	AM
SL Gnd Ctl E	121.650000	AM
SL Gnd Ctl W	121.900000	AM
FSS Advisory	121.975000	AM
FranPk Comm	122.000000	AM
Wendov RCO	122.100000	AM
Flight Svc	122.200000	AM
Flight Svc	122.400000	AM
Delle RCO	122.500000	AM
FranPk Comm	123.800000	AM
Ap/Dp LR<8k	124.300000	AM
SL Ctr ???	124.350000	AM
SL Ctr ???	124.600000	AM
Ap/Dp LR>8k	124.900000	AM
SL Ctr Comm	125.400000	AM
SL Final App	125.700000	AM
SL Ctr ???	126.000000	AM
SL Ctr ???	126.250000	AM
SL App/Dep	126.650000	AM
FranPk Comm	126.750000	AM
VFR Appro W	126.800000	AM
IFR Clr/Del	127.300000	AM
Artcc FranPk	127.700000	AM
SL Ctr Comm	127.925000	AM

SL Ap/Dp >8k	128.100000	AM
FranPk Comm	128.300000	AM
SL Ctr ???	128.350000	AM
Artcc Delle	128.550000	AM
Delta Freq	128.875000	AM
UPS Freq	129.425000	AM
United Ramp	129.500000	AM
FranPk Comm	129.950000	AM
SL ARINC	130.025000	AM
SL ARINC	130.400000	AM
SW Air Freq	130.600000	AM
Delta Freq	130.775000	AM
Delta Freq	131.225000	AM
Delta Freq	131.275000	AM
SL ARINC	131.550000	AM
SkyWest Air	131.750000	AM
Artcc Delle	132.025000	AM
Delle Comm	132.250000	AM
SL Center	132.550000	AM
SL Twr 16/34	132.650000	AM
Hi Alt EFAS	133.025000	AM
FranPk Comm	133.250000	AM
SL Int SW	133.450000	AM
SL GndCtl RL	133.650000	AM
SL Center	133.900000	AM
Delta Ramp	134.150000	AM
TCA Ap Con W	134.350000	AM
FranPk Comm	134.500000	AM
App/Dep N>8k	135.500000	AM
FranPk Comm	135.550000	AM
Artcc FranPk	135.775000	AM
SL Ctr ???	136.900000	AM
END SL AIR		

CORDLESS TELEPHONES

CORDLESS		
BASE 01	43.720000	FM
BASE 02	43.740000	FM
BASE 03	43.820000	FM
BASE 04	43.840000	FM
BASE 05	43.920000	FM
BASE 06	43.960000	FM
BASE 07	44.120000	FM
BASE 08	44.160000	FM
BASE 09	44.180000	FM
BASE 10	44.200000	FM
BASE 11	44.320000	FM
BASE 12	44.360000	FM
BASE 13	44.400000	FM
BASE 14	44.460000	FM
BASE 15	44.480000	FM
BASE 16	46.610000	FM
BASE 17	46.630000	FM
BASE 18	46.670000	FM
BASE 19	46.710000	FM
BASE 20	46.730000	FM
BASE 21	46.770000	FM
BASE 22	46.830000	FM
BASE 23	46.870000	FM
BASE 24	46.930000	FM
BASE 25	46.970000	FM

PORT 01	48.760000	FM
PORT 02	48.840000	FM
PORT 03	48.860000	FM
PORT 04	48.920000	FM
PORT 05	49.000000	FM
PORT 06	49.080000	FM
PORT 07	49.100000	FM
PORT 08	49.160000	FM
PORT 09	49.200000	FM
PORT 10	49.240000	FM
PORT 11	49.280000	FM
PORT 12	49.360000	FM
PORT 13	49.400000	FM
PORT 14	49.460000	FM
PORT 15	49.500000	FM
PORT 16	49.670000	FM
PORT 19	49.770000	FM
PORT 21	49.830000	FM
PORT 17 BM	49.845000	FM
PORT 18	49.860000	FM
PORT 20 BM	49.875000	FM
PORT 22	49.890000	FM
PORT 23	49.930000	FM
PORT 25	49.970000	FM
PORT 24	49.990000	FM
END CORDLESS		

BASE = Base Station

PORT = Portable Handset

BM = Baby Monitors

UHP & EMS (150 Mhz band)

UHP/EMS		
Murs 1	151.820000	FM
Murs 2	151.880000	FM
Murs 3 ??	151.940000	FM
Murs 4 W*M	154.570000	FM
Murs 5 W*M	154.600000	FM
WC c2c	153.815000	FM
DC Ems 1	153.875000	FM
WF Ems x1	153.890000	FM
UC Ems	153.950000	FM
CC Ems	154.010000	FM
WC Ems 1#	154.160000	FM
WF Ems x2	154.235000	FM
SL Uhp 1	154.250000	FM
WF Ems x3	154.295000	FM
?? Ems 154	154.355000	FM
WF Ems x4	154.385000	FM
WC? Ems 2	154.400000	FM
DC Ems 2	154.445000	FM
?? ?? 154a	154.680000	FM
Campus Adm	154.725000	FM
?? ?? 154b	154.740000	FM
BE Uhp ?	154.800000	FM
SL1 Uhp Disp	154.860000	FM
SL2 Uhp x1	154.905000	FM
SL Ems 1	154.920000	FM

DC Ems 3	155.010000	FM
?? Ems 155	155.085000	FM
Uhp c2c ch 2	155.190000	FM
?? ?? 155	155.265000	FM
BE Ems	155.430000	FM
?? c2c	155.490000	FM
SL2 Uhp x2	155.520000	FM
WC Juvn Jail	155.565000	FM
BE Uhp Disp	155.595000	FM
Sum Uhp Disp	155.610000	FM
SL3 Uhp Disp	155.625000	FM
SL Uhp 2	155.640000	FM
CC Uhp Svc	155.655000	FM
?? Uhp 155	155.685000	FM
CC Uhp Disp	155.700000	FM
WC Uhp Disp#	155.790000	FM
WF Ems x5	155.955000	FM
Wsu Buses	156.090000	FM
DC? Uhp Svc	158.910000	FM
?? ?? 159	159.150000	FM
DC? Ems 4	453.200000	FM
?? Sheriff	460.475000	FM
?? Ems 460	460.550000	FM
WF Ems x6	460.625000	FM
END UHP/EMS		

Over time, many of the 150 Mhz band public services are migrating to the 800 Mhz band public service frequencies. In some cases, as they convert, they are using both bands simultaneously.

Agency Call Signs/Numbers

Note: **Call Signs** indicate Agency, City or County, used by UCAN dispatchers or remote unit to identify themselves to the dispatcher. For example: **1F33** = WC Sheriff deputy #33, **2F25** = Ogden City officer #25 or **2F-T9** = Ogden City Traffic unit #9. Utah Highway Patrol (UHP) troopers are indicated by a state wide 1-3 digit number (without any alpha prefix) such as **123** = UHP Trooper #123.

State Agencies

1A Div of Wildlife Resources
2A Parks & Recreation
5A Utah Div. Investigation
6A Utah State Prison
9A Dept of Trans (DOT)
10A Bureau of Criminal Invest

20A Weber State College
25A Motor Vehicle Administration
33A Crime Lab
35A Driver's License Div.
38A Corrections (Probation/Parole)
45A Admin, Utah Dept Public Safety

Federal Agencies

1B FBI
2B Secret Service
4B ATF
5B INS
10B Hill AFB
14B U.S. Forest Service

16B GSA
17B U.S. Marshall
19B National Weather Service
26B IRS
27B DEA
28B U.S. Customs

Box Elder County (Charlie)

Cache County (Delta)

Morgan County (Echo)

Weber County (Fox)

= UHP

1-F Weber County
2-F Ogden City >>> (see suffix)
3-F Roy
4-F South Ogden
5-F Washington Terrace
6-F North Ogden
7-F Riverdale
9-F Pleasant View
10-F Plain City
13-F Harrisville
14-F Huntsville
15-F Uintah

Ogden City ID (call sign suffix)

A = Admin
B =
C = Animal Control
D = Detective
F =
G = Gang
K = K9's
L =
N = Narc's
R = Resource/School
S =
T = Traffic
V =
W =
Y = Youth/Juvenile

Davis County (Golf)

= UHP

1-G Davis County
2-G Bountiful
3-G Layton
4-G Clearfield
5-G Sunset
6-G Kaysville
7-G Centerville

8-G Woods Cross
9-G Farmington
10-G North Salt Lake
13-G Syracuse
14-G West Point
15-G West Bountiful
16-G East Layton
17-G Clinton

10-Codes & Code Numbers

Note: Red = most often used

10-0 Caution
10-1 Signal Weak
10-2 Signal Good
10-3 Stop Transmitting
10-4 Affirmative (OK)
10-5 Relay (To)
10-6 Busy Unless Urgent
10-7 Out Of Service
10-8 In Service
10-9 Say Again
10-10 Negative
10-11 _____ On Duty
10-12 Stand By
10-13 Existing Conditions
10-14 Information
10-15 Message Delivered
10-16 Reply To Message
10-17 Enroute
10-18 Urgent
10-19 In Contact
10-20 Location
10-21 Call _____ By Phone
10-22 Disregard
10-23 Arrived At Scene
10-24 Assignment Completed
10-25 Report To _____ (meet)
10-26 Estimated Time Of Arrival
10-27 License/Permit Info
10-28 Ownership Information
10-29 Records Check
10-30 Danger/Caution
10-31 Pick Up
10-32 _____ Units Needed
10-33 Help Me Quick
10-34 Time
10-35 ...Drugs...
10-36 Security Check
10-37 Gang Activity
10-38 Computer Down
10-39 Urgent Use Light & Siren
10-40 Silent Run, No Lights
10-41 Beginning Tour Of Duty
10-42 Ending Tour Of Duty
10-43 Shuttle
10-44 Permission To Leave
10-45 Animal Carcass At _____
10-46 Assist Motorist
10-47 Investigate Suspicious Veh
10-48 Disturbing The Peace
10-49 Traffic Light Out At _____
10-50 Accident (F, PI, PD)

10-51 Wrecker Needed
10-52 Ambulance Needed
10-53 Traffic Control
10-54 Change To Channel _____
10-55 Intoxicated Driver
10-56 Intoxicated Pedestrian
10-57 Hit & Run (F,PI,PD)
10-58 Airplane Crash
10-59 Reckless Driver
10-60 Out Of Car On Violator At ____
10-61 Motor Inspection
10-62 Request Permission Car To Car
10-63 Prepare To Make Written Copy
10-64 Vandalism
10-65 Juvenile Problem
10-66 Major Crime Alert
10-67 Net Message
10-68 Runaway Juvenile
10-69 Missing Person
10-70 Fire Alarm
10-71 Nature Of Fire
10-72 Progress Report On Fire
10-73 Rape
10-74 Civil Disturbance
10-75 Domestic Problem
10-76 Meet Complaint
10-77 Return To _____
10-78 Back Up _____
10-79 Notify Coroner
10-80 Chase In Progress
10-81 Breathalyzer Report
10-82 Prisoner In Custody
10-83 Confidential Information
10-84 Visitors Present
10-85 Victims Condition Code
A=FAIR, B=POOR, C=SERIOUS,
D=CRITICAL, E=FATALITY
10-86 Crime In Progress
10-87 Abandoned Car
10-88 Man With Gun
10-89 Bomb Threat
10-90 Bank Alarm At _____
10-91 Burglary
10-92 Theft
10-93 Unnecessary Use Of Radio
10-94 Contact Your Home
10-95 Out At Home
10-96 Mental Subject
10-97 Test Signal
10-98 Prison Break
10-99 Wanted/Stolen Indicated

CODE 1 EXPEDITE NO LIGHTS/SIREN
CODE 3 LIGHTS & SIREN
CODE 4 SITUATION UNDER CONTROL
CODE 5 SURVEILLANCE
CODE 6 FOLLOW UP INVESTIGATION

CODE 7 LUNCH
CODE 9 MENTAL SUBJECT
CODE 10 PEPPER SPRAY HAS/WILL BE USED
CODE 20 NOTIFY NEWS MEDIA
CODE 28 PAROLE CHECK
CODE 939 NARCOTICS INVOLVED

Phonetic Alphabet

Note: A phonetic alphabet is used by public service during communication of alpha characters such as license plates and names to clarify letters and spellings.

- A - alpha
- B - bravo
- C - charlie
- D - delta
- E - echo
- F - foxtrot
- G - golf
- H - hotel
- I - india
- J - juliet
- K - kilo
- L - lima
- M - mike
- N - november
- O - oscar
- P - papa
- Q - quebec
- R - romeo
- S - sierra
- T - tango
- U - uniform
- V - victor
- W - whisky
- X - x-ray
- Y - yankee
- Z - zulu